

IDENTIFICATION OF COMPOUND INHIBITING NEOPLASTIC LESION, AND COMPOSITION CONTAINING THE COMPOUND

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Applicant: CELL PATHWAYS INC

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Abstract of **JP2000186047**

PROBLEM TO BE SOLVED: To obtain the subject composition useful for treatment and prevention of pre-cancerous and cancerous lesion in mammals by including a carrier and a compound having a specific cyclooxygenase (COX)-inhibiting activities and phosphodiesterase (PDE)-inhibiting activities. **SOLUTION:** This composition contains (A) a carrier, and (B) a compound having COX-inhibiting activities lower than PDE-inhibiting activities, e.g. (Z)-5- fluoro-2-methyl-(4-pyridylidene)-3-(N-benzyl)indenylacetamide hydrochloric acid salt. In the component B, the PDE is characterized by (i) cGMP specificity over cAMP, (ii) positive cooperative kinetic behavior in the presence of cGMP, (iii) submicromolar affinity for the cGMP, and (iv) insensitivity to incubation with purified cGMP dependent protein kinase.

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